

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	§	
William F. Howard, et al.	§	
	§	Group Art Unit: 3672
Serial No.: 10/648,815	§	
	§	
Confirmation No.: 4562	§	Examiner: Matthew J. Smith
	§	
Filed: August 26, 2003	§	
	§	Customer No.: 36735
For: WELLBORE PUMPING WITH	§	
IMPROVED TEMPERATURE	§	
PERFORMANCE	§	

MAIL STOP ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

SUBMISSION OF CORRECTED FORMAL DRAWINGS

Attached please find three (3) substitute sheets of corrected formal drawings. The Examiner is requested to substitute these formal drawings for the drawings amended during the prosecution of the subject patent application. The submission of these formal drawings incorporate the changes in Figure 3.

Any comparison fee should be charged to Deposit Account No. 20-0782/WEAT/0313/JCH. If any additional informalities are identified by the Examiner, please contact the undersigned attorney at 713/623-4844.

Respectfully submitted,



Jason C. Huang
Registration No. 46,222
PATTERSON & SHERIDAN, L.L.P.
3040 Post Oak Blvd. Suite 1500
Houston, TX 77056
Telephone: (713) 623-4844
Facsimile: (713) 623-4846
Attorney for Applicants